

YG-88C

CW CRYSTAL FILTER UNIT

TS-820 INSTALLATION INSTRUCTION

Install the filter unit according to the following procedures:

1. Remove the top cover of the transceiver using a screwdriver. Care should be used not to break the leads connected between the 2P connector and the speaker on the cover. Next, remove the 2P connector.
2. Turn the transceiver upside down and remove the bottom cover.
3. Insert the filter in place at the IF unit circuit board on the left wall of the transceiver. Solder the 4 pins from the rear side using a small size soldering iron. Soldering should be finished as quick as possible.
4. Change the position of the connector (IF2) located at the lower section of the IF unit depending on whether the FSK shift width is 170Hz or 850Hz.

Only SSB filter used A

SSB and CW filters used:

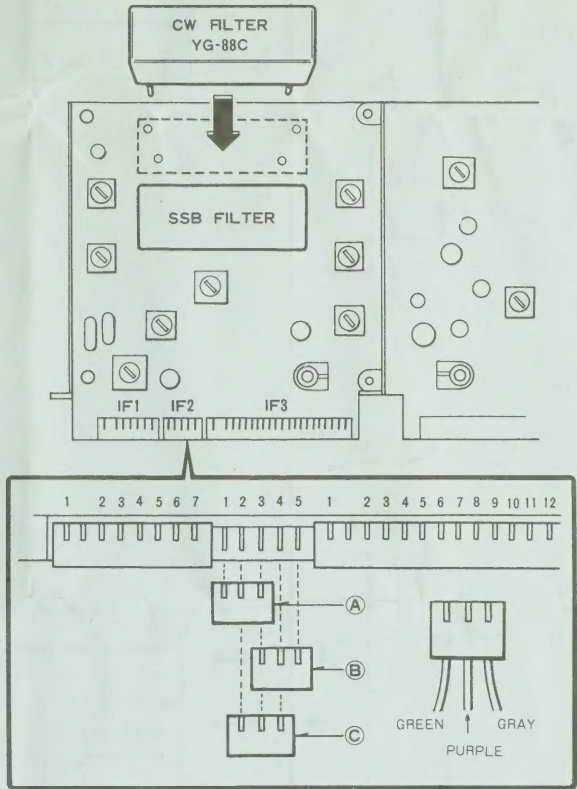
FSK shift 170Hz (CW filter used) . . B

FSK shift 850Hz (SSB filter used) . . C

Note: (1) If you are not interested in FSK operation, plug in the connector either to the "B" terminal or the "C" terminal.

(2) To facilitate the installation of filter and setting of connector, remove the 3 screws holding the IF unit fixture to the chassis and then pull the unit upward.

5. Reconnect the 2P speaker connector in position, then replace the bottom cover and the top cover. The installation of the filter is now completed.



** Modification on reverse side enables SSB OR CW FILTER in CW position.*
Standard arrangement was CW filter only.

W65FW

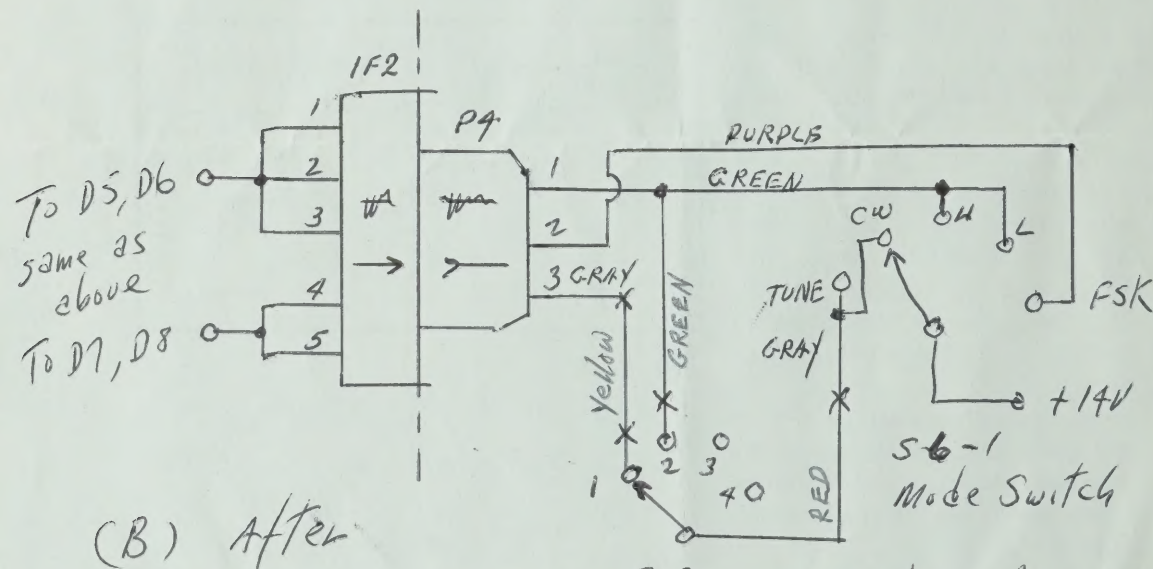
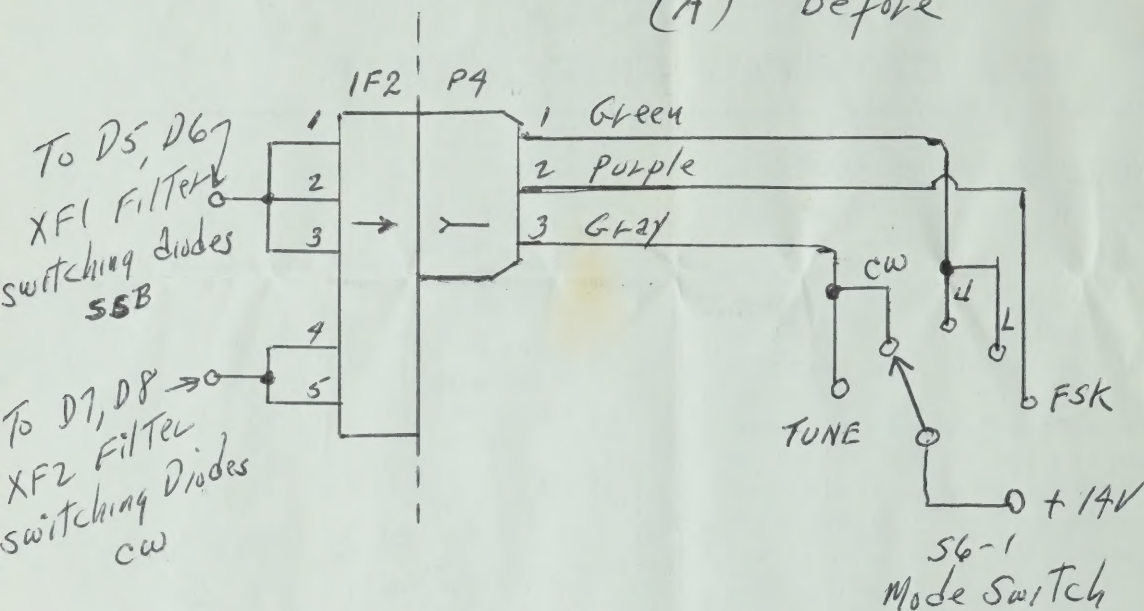
SPECIFICATIONS

Center frequency:	8830.7 kHz
Pass band width:	More than $\pm 250\text{Hz}$ (-6dB)
Attenuation bandwidth:	Less than $\pm 900\text{Hz}$ (-60dB)
Guaranteed attenuation :	Better than 80dB

Pg 36

July 1980 QST

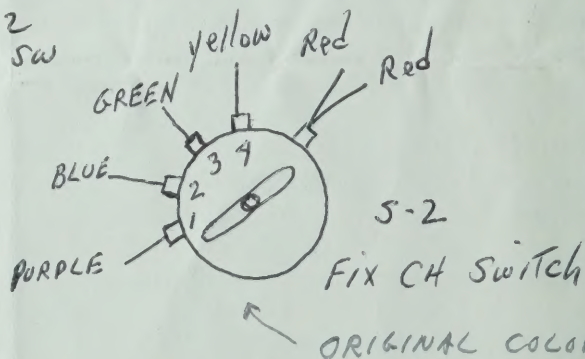
(A) Before



S-2 Modifications

Remove red leads - insulate Tuck back.
" Purple & blue - " " "

P4 GREEN → S-2 2
" GRAY → " 1



Red, Blue & Purple leads
removed from S-2 - sleeved
& tucked in form